

1 **ABSTRACT OF THE DISCLOSURE**

2 A quick-release joint for two tubes which includes a first connector having a
3 first inner lip formed on an inner surface of the first connector, a second connector
4 pivotally connected to the first connector and axially offset from the first connector. The
5 second connector has a protrusion formed on an inner surface of the second connector
6 and has an outer groove formed on the protrusion next to a top face of the second
7 connector to correspond to the first flange. A retainer is formed on a side of the first
8 connector and the second connector to move the first connector to axially align with the
9 second connector such that after the first inner lip is received in the outer groove of the
10 protrusion, the first connector and second connector are solidly and rigidly coupled.